CNV-1149 GTS - LTSD Request

Status	Approved
Owner	RAYUDU-ext, Narasimha Kumar
Stakeholders	

Purpose

The purpose of this document is to define the conversion approach to define GTS - LTSD Request in S/4 HANA GTS Edition.

In SAP GTS (Global Trade Services), GTS - LTSD Request can be requested and managed through various functions. Users can request LTSDs with or without reference to logistics documents, or through an annual run process. The system allows for requesting, reminding, and maintaining LTSDs, including features for mass maintenance and partner material information transfer.

As part of the Syway program, WGP - GTS 11.0 will be upgraded to SAP S/4 GTS E4H Edition. For this master data object, the data must be extracted from the current system and loaded into the new GTS E4H system with minimal transformations.

Conversion Scope

The scope of this document covers the approach for converting active GTS - LTSD Request from Legacy Source System into GTS S/4HANA following the GTS - LTSD Request Data Design Standard.

The data from legacy system includes:

1. **Timeframe considered for the data at the time of Go-Live: current year-2 years. Examples are provided in 3) Scenario Based**
   a. REQUESTED_START_DATE
   b. REQUESTED_END_DATE
2. **LTSD Status Criteria**
   - The LTSD request must be open, pending, or recently completed.
   - The LTSD must be linked to active suppliers or materials.
3. **Scenario-Based Migration Decisions (For Eg: Go-Live Date: July 2026)**
   - 4.1 If the LTSD Requested End Date until December 2026 (same year as Go-Live), migrate the record.
   - 4.2 If the LTSD Requested End Date until December 2027 or later (future years), migrate the record.
   - 4.3 If the LTSD Requested End Date until January 2026 (same year as Go-Live), migrate the record.
   - 4.4 If the LTSD Requested End Date until January 2025, migrate the record to maintain two years of historical data (i.e., keep records from 2024, 2025, and 2026).

The data from legacy system excludes:

1. Do **not migrate** declarations that do not meet the above validity, linkage, or cancellation requirements.

List of source systems and approximate number of records

Source	Scope	Source Approx No. of Records	Target System	Target Approx No. of Records
WGP	TBD	TBD		

Additional Information

Multi-language Requirement

NA

Document Management

NA

Legal Requirement

NA

Special Requirements

NA

Target Design

The technical design of the target for this conversion approach.

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
/SAPSLL/SDREQHD	SDREQHD_UUID	/SAPSLL/SDRHD_GUID	Request Header UUID-Primary Key (Universal Unique Identifier (UUID)) is linked to Primary key of /SAPSLL/SDREQIT-SDREQIT_UUID	RAW	16	System
/SAPSLL/SDREQHD	REQUEST_NUMBER	/SAPSLL/REQNUM	LTSD Request-The LTSD Request	CHAR	35	Mandatory
/SAPSLL/SDREQHD	STATUS	/SAPSLL/STATUS	Request Status-The LTSD Request status refers to: 1)ready to send, 2)sent, 3) completed, 4)reminder open, 5)reminder sent	CHAR	1	Mandatory
/SAPSLL/SDREQHD	OUTPUT FAILED	/SAPSLL/OUTP_FAILED	Output Failed-If LTSD request fails, the output will take an X (output failed), or blank if undefined	CHAR	1	Mandatory
/SAPSLL/SDREQHD	ADMIN_UNIT	/SAPSLL/ADMIN_UNIT	Administrative Unit-Group of plants mapped from feeder system	CHAR	10	Mandatory
/SAPSLL/SDREQHD	LOGICAL_SYSTEM_GROUP	/SAPSLL/LOGSYS_GRP	Logical System Group-Logical System Group from where LTSD was requested	CHAR	10	Mandatory
/SAPSLL/SDREQHD	RECEIVER	/SAPSLL/RCVR	Recipient-Business Partner Supplier who is receiving the LTSD Request	CHAR	12	Mandatory
/SAPSLL/SDREQHD	REQUESTED_START_DATE	/SAPSLL/REQSTRTDT	Requested From-Requested From	DATS	8	Mandatory
/SAPSLL/SDREQHD	REQUESTED_END_DATE	/SAPSLL/REQENDDT	Requested To-Requested To	DATS	8	Mandatory
/SAPSLL/SDREQHD	REQUEST_DATE	/SAPSLL/REQDATE	Requested On-Date when LTSD is requested	DATS	8	Mandatory
/SAPSLL/SDREQHD	CONTACT_PERSON	/SAPSLL/CONTACT_PERS	Contact Person-User who requested the LTSD	CHAR	12	Mandatory
/SAPSLL/SDREQHD	IS_MIGRATED	/SAPSLL/ISMIGRATED	Migrated-For LTSD Requests migrated, this field will be marked as X (Migrated), otherwise blank	CHAR	1	Mandatory
/SAPSLL/SDREQHD	REMARK	/SAPSLL/REMARK	Note-Note/comment if any	CHAR	255	Mandatory
/SAPSLL/SDREQHD	REMINDER_LEVEL	/SAPSLL/REM_LEVEL	Reminder Level-Reminder levels for LTSD are used to manage the sending of reminders to suppliers for pending declarations. This functionality helps ensure timely receipt of declarations by allowing users to set up and manage reminders for outstanding requests	NUMC	2	Mandatory

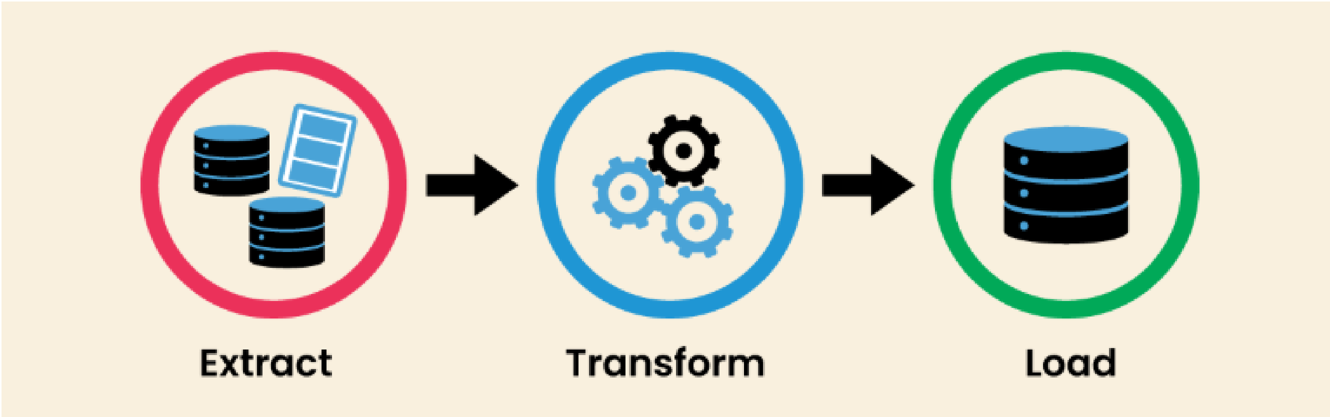
/SAPSLL/SDREQHD	REMINDER_DATE	/SAPSLL/REM_DATE	Reminder Date-Reminder Date	DATS	8	Mandatory
/SAPSLL/SDREQHD	CREA_DATE_TIME	/SAPSLL/CREA_DTTM	Time Stamp-Time Stamp generated by the system when LTSD was created	TIMESTAMP	15	System Generated
/SAPSLL/SDREQHD	CREA_UNAME	/SAPSLL/CREA_UNAME	User Name-User name who generated the LTSD request	CHAR	12	System Generated
/SAPSLL/SDREQHD	LCHG_DATE_TIME	/SAPSLL/LCHG_DTTM	Time Stamp-Time Stamp generated by the system when LTSD was created	TIMESTAMP	15	System Generated
/SAPSLL/SDREQHD	LCHG_UNAME	/SAPSLL/LCHG_UNAME	User Name-User name who generated the LTSD request	CHAR	12	System Generated
/SAPSLL/SDREQIT	SDREQIT_UUID	/SAPSLL/UUID	Request Item UUID-Primary Key (Universal Unique Identifier (UUID)) is linked to Primary key of /SAPSLL/SDREQHD-SDREQHD_UUID	RAW	16	System Generated
/SAPSLL/SDREQIT	PREF_TRADE_AGREEEMENT	/SAPSLL/PREFTA	Agreement-The free trade agreement of the Legal Regulation	CHAR	10	Mandatory
/SAPSLL/SDREQIT	PRODUCT_UUID	/SAPSLL/UUID	Product UUID-Product UUID linked to key from /SAPSLL/PAGGLOG-PRODUCT_UUID	RAW	16	System Generated
/SAPSLL/SDREQIT	STATUS	/SAPSLL/STA_SDREQIT	Item Status-Preference request item status: 1)ready to send, 2)sent, 3)response received, 4)completed, 5)reminder sent, 6) canceled, 7) excluded, 8) reminder open	CHAR	1	Mandatory
/SAPSLL/SDREQIT	SOURCE	/SAPSLL/SOURCE	Source-Source of Product in a Request (1. purchasing document, 2. material document, 3. added manually, 4. purchasing document and material document , 5. annual request run)	CHAR	1	Mandatory
/SAPSLL/SDREQIT	SDREQHD_UUID	/SAPSLL/UUID	Request Header UUID-Universal Unique Identifier (UUID) is linked to key of /SAPSLL/SDREQRF-SDREQHD_UUID	RAW	16	System Generated

Data Cleansing

ID	Criticality	Error Message/Report Description	Rule	Output	Source System
NA	NA	NA	NA	NA	

Conversion Process

The high-level process is represented by the diagram below:



Data Privacy and Sensitivity

NA

Extraction

Extract data from a source into . There are 2 possibilities:

1. The data exists. connects to the source and loads the data into . There are 3 methods:
   a. Perform full data extraction from relevant tables in the source system(s).
   b. Perform extraction through the application layer.
   c. Only if ; cannot connect to the source, data is loaded to the repository from the provided source system extract/report.
2. The data does not exist (or cannot be converted from its current state). The data is manually collected by the business directly in . This is to be conducted using DCT (Data Collection Template) in

The agreed Relevancy criteria is applied to the extracted records to identify the records that are applicable for the Target loads

Extraction Run Sheet

Req #	Requirement Description	Team Responsible
1	Legacy System Extraction (WGP) based on the Relevancy Rules from Table: /SAPSLL/SDREQHD & /SAPSLL /SDREQIT	Syniti

Selection Screen

Selection Ref Screen	Parameter Name	Selection Type	Requirement	Value to be entered/set
NA				

Data Collection Template (DCT)

Target Ready Data Collection Template will be created for data with exception of some fields which require transformation as mentioned in the transformation rule.

DCT Rules

Field Name	Field Description	Rule

NA		

Extraction Dependencies

Item #	Step Description	Team Responsible
1	Extract data from source systems WGP	Syniti
2	Populate in a report in a Downloadable format	Syniti
3	Data is validated in ADMM Tool	SyWay Data Team
5	The data which has passed validation will be used for transformation/further processing	Business/Data Owners

Transformation

The Target fields are mapped to the applicable Legacy field that will be its source, this is a 3-way activity involving the Business, Functional team and Data team. This identifies the transformation activity required to allow to make the data Target ready:

1. Perform value mapping and data transformation rules.
   a. Legacy values are mapped to the to-be values (this could include a default value)
   b. Values are transformed according to the rules defined in
2. Prepare target-ready data in the structure and format that is required for loading via prescribed Load Tool. This step also produces the load data ready for business to perform Pre-load Data Validation

Transformation Run Sheet

Item #	Step Description	Team Responsible
1	Obtain Transformation Rules Sign-off from Business.	SCM Data Team
2	In dspMigrate, select the wave – S4/HANA – INT-GTS	Syniti
3	Go to Process Area Launch and Process the Object – GTS LTSD Request	Syniti
4	Review and Validate Error and Preload Reports	Syniti
5	Execute the transformation to prepare the target tables	Syniti
6	Validate data from pre-load and error reports	Business/Data owner
7	Generate load files	Syniti

Transformation Rules

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	WGP	/SAPSLL /SDREQHD	SDREQHD_UUID	Request Header UUID	S/4 HANA GTS	/SAPSLL /SDREQHD	SDREQHD_UUID	Request Header UUID	This Field should be used as a Link to Header and Item table
2	WGP	/SAPSLL /SDREQHD	REQUEST_NUMBER	LTSD Request	S/4 HANA GTS	/SAPSLL /SDREQHD	REQUEST_NUMBER	LTSD Request	Direct Mapping
3	WGP	/SAPSLL /SDREQHD	STATUS	Request Status	S/4 HANA GTS	/SAPSLL /SDREQHD	STATUS	Request Status	Direct Mapping
4	WGP	/SAPSLL /SDREQHD	OUTPUT FAILED	Output Failed	S/4 HANA GTS	/SAPSLL /SDREQHD	OUTPUT FAILED	Output Failed	Direct Mapping
5	WGP	/SAPSLL /SDREQHD	ADMIN_UNIT	Administrative Unit	S/4 HANA GTS	/SAPSLL /SDREQHD	ADMIN_UNIT	Administrative Unit	Direct Mapping
6	WGP	/SAPSLL /SDREQHD	LOGICAL_SYSTEM_GROUP	Logical System Group	S/4 HANA GTS	/SAPSLL /SDREQHD	LOGICAL_SYSTEM_GROUP	Logical System Group	Direct Mapping
7	WGP	/SAPSLL /SDREQHD	RECEIVER	Recipient	S/4 HANA GTS	/SAPSLL /SDREQHD	RECEIVER	Recipient	This is the Supplier Number and need to to derive from Cross Reference Tables.
8	WGP	/SAPSLL /SDREQHD	REQUESTED_START_DATE	Requested From	S/4 HANA GTS	/SAPSLL /SDREQHD	REQUESTED_START_DATE	Requested From	Direct Mapping
9	WGP	/SAPSLL /SDREQHD	REQUESTED_END_DATE	Requested To	S/4 HANA GTS	/SAPSLL /SDREQHD	REQUESTED_END_DATE	Requested To	Direct Mapping

10	WGP	/SAPSLL /SDREQHD	REQUEST_DATE	Requested On	S/4 HANA GTS	/SAPSLL /SDREQHD	REQUEST_DATE	Requested On	Direct Mapping
11	WGP	/SAPSLL /SDREQHD	CONTACT_PER SON	Contact Person	S/4 HANA GTS	/SAPSLL /SDREQHD	CONTACT_PER SON	Contact Person	Direct Mapping
12	WGP	/SAPSLL /SDREQHD	IS_MIGRATED	Migrated	S/4 HANA GTS	/SAPSLL /SDREQHD	IS_MIGRATED	Migrated	Direct Mapping
13	WGP	/SAPSLL /SDREQHD	REMARK	Note	S/4 HANA GTS	/SAPSLL /SDREQHD	REMARK	Note	Direct Mapping
14	WGP	/SAPSLL /SDREQHD	REMINDER_LEV EL	Reminder Level	S/4 HANA GTS	/SAPSLL /SDREQHD	REMINDER_LE VEL	Reminder Level	Direct Mapping
15	WGP	/SAPSLL /SDREQHD	REMINDER_DATE	Reminder Date	S/4 HANA GTS	/SAPSLL /SDREQHD	REMINDER_DA TE	Reminder Date	Direct Mapping
16	WGP	/SAPSLL /SDREQHD	CREA_DATE_TI ME	Time Stamp	S/4 HANA GTS	/SAPSLL /SDREQHD	CREA_DATE_TI ME	Time Stamp	Direct Mapping
17	WGP	/SAPSLL /SDREQHD	CREA_UNAME	User Name	S/4 HANA GTS	/SAPSLL /SDREQHD	CREA_UNAME	User Name	Direct Mapping
18	WGP	/SAPSLL /SDREQHD	LCHG_DATE_TI ME	Time Stamp	S/4 HANA GTS	/SAPSLL /SDREQHD	LCHG_DATE_TI ME	Time Stamp	Direct Mapping
19	WGP	/SAPSLL /SDREQHD	LCHG_UNAME	User Name	S/4 HANA GTS	/SAPSLL /SDREQHD	LCHG_UNAME	User Name	Direct Mapping
20	WGP	/SAPSLL /SDREQIT	SDREQIT_UUID	Request Item UUID	S/4 HANA GTS	/SAPSLL /SDREQIT	SDREQIT_UUID	Request Item UUID	This Field should be used as a Link to Header and Item table
21	WGP	/SAPSLL /SDREQIT	PREF_TRADE_A GREEEMENT	Agreement	S/4 HANA GTS	/SAPSLL /SDREQIT	PREF_TRADE_ AGREEEMENT	Agreement	Direct Mapping
22	WGP	/SAPSLL /SDREQIT	PRODUCT_UUID	Product UUID	S/4 HANA GTS	/SAPSLL /SDREQIT	PRODUCT_UUID	Product UUID	Direct Mapping
23	WGP	/SAPSLL /SDREQIT	STATUS	Item Status	S/4 HANA GTS	/SAPSLL /SDREQIT	STATUS	Item Status	Direct Mapping
24	WGP	/SAPSLL /SDREQIT	SOURCE	Source	S/4 HANA GTS	/SAPSLL /SDREQIT	SOURCE	Source	Direct Mapping
25	WGP	/SAPSLL /SDREQIT	SDREQHD_UUID	Request Header UUID	S/4 HANA GTS	/SAPSLL /SDREQIT	SDREQHD_UUID	Request Header UUID	Direct Mapping

Transformation Mapping

Mapping Table Name	Mapping Table Description
zLegacySupplier	SAP S4 HANA BP

Transformation Dependencies

List the steps that need to occur before transformation can commence

1	Ensure Legacy System tables completeness	Syniti
2	Ensure all Transformation mappings are up to date.	Syniti

Pre-Load Validation

Project Team

Completeness

Task	Action
Verify Load File Count	SCM Data Team to verify that the total number of relevant records from the WGP System is equal to the total number of records in the Preload and Load Sheets.
Verify Consent	Verify the appropriate consents for the records have been obtained by the business/Data Owners and properly recorded

Accuracy

Task	Action
Conversion Accuracy	SCM Data team to verify that all the data in the load table/file is accurate as contents and transformation rules with below checks: 1. Mandatory Fields 2. Field and Value Mapping Correctness 3. Null Checks
Review Error Reports	Review and correct the errors. Achieve a zero-error record count as much as possible. Raise defects for data remediated and requiring a correction in the source data.

Business

Completeness

Task	Action
Verify Record Count	Business Data Owner/s to verify that the total number of relevant records in Syniti tool equal to the total number of records in the Preload and Load Sheets.
Verify Consent	Verify that the appropriate consents for the records have been obtained by the business and properly recorded

Accuracy

Task	Action
Conversion Accuracy	Business Data Owner/s to verify that all the data in the load table/file is accurate as per endorsed transformation/mapping rules.

Load

The load process includes:

1. Execute the automated data load into target system using load tool or product the load file if the load must be done manually
2. Once the data is loaded to the target system, it will be extracted and prepared for Post Load Data Validation
3. Load approach: Migration Cockpit using Staging Tables

Load Run Sheet

Item #	Step Description	Team Responsible
1	Ensure Pre-load sign-offs are obtained.	SCM Data team
2	Go to the load tool and select the correct load Program.	SCM Data team
3	Proceed with Data load.	SCM Data team
4	Validate few records loaded by accessing standard transactions.	SCM Data team
5	Generate the post load reports in the tool.	SCM Data team
6	Log errors as defects, if any and address resolutions. Close defects.	SCM Data team
7	Resolve defects by re-upload and re-generate post load reports if necessary.	SCM Data team
8	Business to validate the post load files as part of post-load validation, raise data defects or provide the post-load sign-off.	Business
9	Repeat steps 5 to 7 if necessary.	SCM Data team

Load Phase and Dependencies

Pre Cutover

Configuration

Item #	Configuration Item
TBD	

Conversion Objects

Object #	Preceding Object Conversion Approach
NA	NA

Error Handling

Error Type	Error Description	Action Taken
Configuration	<*configuration*> is not valid/missing	If it is a missing configuration item, then engage Functional team to expedite and fix the error in the system.
Invalid Data	<*parameter*> is not valid.	The parameter entry needs to be reviewed If it is an invalid data, business needs to review and correct the source of the data either in WGP or if it's mapped in DCT.
Technical Setup	Interface / Connection issue within target system's landscape	N/A – the data will be loaded directly to S/4HANA GTS System environment

Post-Load Validation

Project Team

Completeness

Task	Action
Verify the count	Verify that the record count in the post-load file is the same as the record count based on the relevancy (including any deduplication) results

Accuracy

Task	Action
Data Accuracy	SCM Data team to verify that all the data in the post load table/file is accurate as per signed-off transformation rules
Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.
Data Consistency	Verify that the data loaded is correctly reflected in Table: /SAPSLL/SDREQHD & /SAPSLL/SDREQIT

Business

Completeness

Task	Action
Verify Count	Verify that the record count in the post load file is the same as the record count based on the relevancy (including deduplication) results
Validate Loaded Data	Validate, as per the load files signed-off, that all records were created

Accuracy

Task	Action
Data Accuracy	Verify that all the data in the S/4HANA GTS table is accurate as per signed-off transformation rules

Key Assumptions

- The Master Data Standards document is a evolving document where value mappings/validation checks are still being finalized as we are currently in the detailed phase as of September 2025.
- GTS - LTSD Request is in scope based on data design and any exception requested by business.

See also

Change log

Version	Published	Changed By	Comment
CURRENT (v. 10)	**Oct 27, 2025 10:40**	**RAYUDU-ext, Narasimha Kumar**	
v. 9	Oct 27, 2025 10:39	**RAYUDU-ext, Narasimha Kumar**	Corrections from Functional
v. 8	Oct 17, 2025 15:13	**RAYUDU-ext, Narasimha Kumar**	
v. 7	Oct 16, 2025 12:57	**RAYUDU-ext, Narasimha Kumar**	
v. 6	Oct 15, 2025 18:55	**RAYUDU-ext, Narasimha Kumar**	
v. 5	Oct 13, 2025 18:18	**RAYUDU-ext, Narasimha Kumar**	
v. 4	Oct 13, 2025 10:53	**RAYUDU-ext, Narasimha Kumar**	
v. 3	Oct 02, 2025 14:43	**RAYUDU-ext, Narasimha Kumar**	
v. 2	Sept 29, 2025 21:06	**RAYUDU-ext, Narasimha Kumar**	
v. 1	Sept 29, 2025 17:16	**RAYUDU-ext, Narasimha Kumar**	

Workflow history

This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

Nov 10, 2025	Actor	Type	Activity	Version

Approved	MUTHUSAMY-ext, Kunalan	State	changed state to Approved at 2:59 pm (State override) *[PMO Comments] Conversion Spec completed as per CS register and functional review completed*	v10
Edited following Tech Review	MUTHUSAMY-ext, Kunalan	State	gave *Minor change* approval at 2:59 pm *[PMO Comments] Conversion Spec completed as per CS register and functional review completed*	
From Oct 16, 2025 to Oct 27, 2025				
	RAYUDU-ext, Narasimha Kumar	Edit	updated the page at 12:57 pm	
	RAYUDU-ext, Narasimha Kumar	State	changed state to Edited following Tech Review at 10:57 am	v7
Oct 15, 2025				
Lead Approval	HASSAN-ext, Shamir	State	changed expiry date to '22 Oct, 2025 07:53 pm' at 7:53 pm	
		State	changed state to Lead Approval at 7:53 pm	v6